

PC-0044 CIP

IN THE CLAIMS

Please cancel claims 13-20 without prejudice.

Please amend claims 1, 2, 7, and 10 as shown in the attached "VERSION WITH MARKINGS TO SHOW CHANGES MADE".

For the Examiner's convenience, all pending claims are listed below.

1. (Once Amended) An isolated cDNA comprising a nucleic acid sequence encoding the amino acid sequence of SEQ ID NO:1 or the complement of the encoding nucleic acid sequence.
2. (Once Amended) An isolated cDNA comprising the nucleic acid sequence of SEQ ID NO:7.
3. A composition comprising the cDNA of claim 1 and a labeling moiety.
4. A vector comprising the cDNA of claim 1.
5. A host cell comprising the vector of claim 4.
6. A method for using a cDNA to produce a protein, the method comprising:
- a) culturing the host cell of claim 5 under conditions for protein expression; and
 - b) recovering the protein from the host cell culture.
7. (Once Amended) A method for using a cDNA to detect differential expression of a nucleic acid in a sample comprising:
- a) hybridizing the cDNA of claim 1 to the nucleic acids of the sample thereby forming at least one hybridization complex; and
 - b) detecting complex formation, wherein complex formation indicates differential expression of a nucleic acid complementary to the cDNA in the sample.
8. The method of claim 7 further comprising amplifying the nucleic acids of the sample prior to hybridization.
9. The method of claim 7 wherein the cDNA is attached to a substrate.
10. (Once Amended) The method of claim 7 wherein hybridization complexes are compared to at least one standard and are diagnostic of follicular carcinoma of the thyroid.
11. A method of using a cDNA to screen a plurality of molecules or compounds, the method comprising:
- a) combining the cDNA of claim 1 with a plurality of molecules or compounds under conditions to allow specific binding; and
 - b) detecting specific binding, thereby identifying a molecule or compound which specifically binds the cDNA.
12. The method of claim 11 wherein the molecules or compounds are selected from DNA molecules, RNA molecules, peptide nucleic acids, artificial chromosome constructions, peptides, transcription factors, repressors, and regulatory molecules.